## IN THE CLAIMS:

Please cancel claims 1, 26, and 45-55, without prejudice or disclaimer, amend claims 2-24, 27-38, and 43, and add new claims 57-79, as follows:

1. (Canceled)

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(Currently Amended) An assembly-The assemblies as claimed in claim 1-57 comprising a separate loading device to collapse the embolic protection-filter assembly, the loading device defining an inlet end and an outlet end, the outlet end being configured for co-operative alignment with the reception space.

(Currently Amended) An assembly The assemblies as claimed in claim 4. Wherein the pushing urging device comprises a proximal stop for engagement with the embolic protection filter assembly.

(Currently Amended) An assembly The assemblies as claimed in claim 2-by wherein the pushing urging device comprises a stem, the stem having a distal-stop for engaging the abutment of the embolic protection filter assembly.

(Currently Amended) An assembly The assemblies as claimed in claim 4.

Twherein the pushing urging device comprises a handle.

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(Currently Amended) An assembly The assemblies as claimed in claim wherein the loading device comprises means for radially compressing is configured to radially compress the embolic protection-filter assembly.

(Currently Amended) An assembly The assemblies as claimed in claim is wherein the loading device comprises a funnel, the inlet end defining a larger cross sectional area than the outlet end.

(Currently Amended) An assembly The assemblies as claimed in claim the loading device comprises a main support having a funnel-shaped bore formed from a frusto-conical embolic protection filter assembly receiving portion terminating in and a cylindrical portion formed by a loading tube projecting from the main support for alignment support, the cylindrical portion being aligned with the reception space before loading.

(Currently Amended) An assembly The assemblies as claimed in claim in which the cone angle of the funnel is between 15° and 65°.

(Currently Amended) An assembly The assemblies as claimed in claim § in which the cone angle is between 35° and 45°.

(Currently Amended) An assembly The assemblies as claimed in claim a wherein the loading device extends into the reception space.

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(Currently Amended) An assembly The assemblies as claimed in claim wherein the loading device extends around the outside of the reception space.

(Currently Amended) An assembly The assemblies as claimed in claim 4To comprising a tray, the tray comprising a first retaining means for releasably supporting retainer configured to releasably support the pushing urging device in a disengaged position before delivering the embolic protection-filter assembly into the delivery catheter.

(Currently Amended) An assembly The assemblies as claimed in claim comprising a second retaining means for releasably supporting retainer configured to releasably support the loading device in co-operative alignment with the delivery catheter during loading.

(Currently Amended) An assembly The assemblies as claimed in claim wherein the retaining means comprises first and second retainers together include a channel for receiving at least one of the loading device and/or the delivery catheter and/or the pushing urging device, and at least one projection on the channel wall projecting inwardly for snap retention of at least one of the loading device and/or the delivery catheter and/or the pushing urging device.

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wherein the tray comprises a liquid retaining bath formed by a recess in the tray, the bath having a depth sufficient to accommodate in a totally submerged state the reception space of the delivery catheter and the embolic protection device filter assembly for submerged loading of the embolic protection-filter assembly into the reception space.

(Currently Amended) An assembly The assemblies as claimed in claim wherein the tray has a catheter holding channel communicating with the bath, the channel defining a pathway around the tray which supports the delivery catheter in a loading position on the tray.

(Currently Amended) An assembly The assemblies as claimed in claim wherein means for securing the delivery catheter is secured within the channel comprises with a number of retainers spaced-apart along the channel, each retainer comprising two or more associated projections which project inwardly from opposite side walls of the channel adjacent a mouth of the channel, the projections being resiliently deformable for snap engagement of the delivery catheter within the channel behind the projections.

(Currently Amended) An assembly The assemblies as claimed in claim wherein a ramp is provided at an end of the holding channel communicating with the bath to direct the reception space of the delivery catheter towards a bottom of the bath.

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20. (Currently Amended) An assembly The assemblies as claimed in claim 19 wherein means a support is provided within the bath for supporting the reception space of the delivery catheter above the bottom of the bath.

(Currently Amended) An assembly The assemblies as claimed in claim 20 wherein said supporting means support is a step adjacent the channel.

22. (Currently Amended) An assembly The assemblies as claimed in claim 16 wherein the first retaining means retainer is provided within the bath.

28. (Currently Amended) An assembly The assemblies as claimed in claim 1–57 comprising a flushing means device.

24. (Currently Amended) An assembly The assemblies as claimed in claim 23 wherein the flushing means-device comprises a syringe.

25-26. (Canceled)

27.5 (Currently Amended) A method as claimed in claim 26-68 comprising the steps of:

providing a loading device to collapse the embolic protection filter, the loading device defining an inlet end and an outlet end;

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aligning the outlet end of the loading device in co-operation with the reception space; and

delivering the embolic protection filter assembly through the inlet end of the loading device in the expanded state and into the reception space.

(Currently Amended) A method as claimed in claim 2x wherein the delivery catheter comprises an internal proximal stop, and the method comprises the step of moving the collapsed embolic protection filter assembly proximally in the reception space using the pushing urging device to engage the internal proximal stop and disassociate disassociating the loaded delivery catheter from the loading device before removing the pushing urging device.

(Currently Amended) A method as claimed in claim 28 wherein the delivery catheter is constrained relative to the loading device before delivery of the embolic protection-filter assembly through the loading device into the reception space, and the method comprises the step of releasing the constraint to facilitate disassociation of the loaded delivery catheter from the loading device.

30. (Currently Amended) A method as claimed in claim 26-68 wherein the pushing urging device comprises a wire for threading through the embolic protection filter assembly, the wire defining and a distal stop for engaging the abutment of the embolic protection filter assembly.

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(Currently Amended) A method as claimed in claim 26.68 wherein the loading device comprises an elongate neck at the outlet end, and the method comprises the step of at least partially positioning the elongate neck in the reception space before delivering the embolic protection filter assembly into the reception space.

32. (Currently Amended) A method as claimed in claim 26 68 wherein the method comprises the step of flushing the embolic protection filter assembly before delivering the embolic protection filter assembly into the reception space.

38. (Currently Amended) A method as claimed in claim 26 68 wherein the method comprises the step of flushing the <u>delivery</u> catheter before delivering the <u>embolic protection filter assembly into the reception space.</u>

(Currently Amended) A method as claimed in claim 28 wherein the delivery catheter comprises an outer catheter tube and an inner catheter tube, the inner catheter tube defining the internal proximal stop.

35. (Currently Amended) A method as claimed in claim 34 wherein both the inner catheter tube and the outer catheter tube are flushed before delivering the embolic protection-filter assembly through the loading device.

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36. (Currently Amended) A method of loading an embolic protection filter into a catheter, the method comprising the steps of:-

providing a <u>an</u> embolic protection filter, the embolic protection filter being collapsible;

providing a catheter defining a reception space at a distal end of the catheter for receiving the collapsed embolic protection filter, the catheter comprising at least-one an internal proximal stop;

providing a loading device to collapse the embolic protection filter, the loading device defining an inlet end and an outlet end;

aligning the outlet end of the loading device with the reception space;

delivering the embolic protection filter through the loading device and into the reception space; and

moving the collapsed embolic protection filter towards its proximal end in the reception space to engage said at least one the internal proximal stop; and disassociate disassociating the loaded catheter from the loading device.

(Currently Amended) A method as claimed in claim 36 wherein the method further comprises the steps of:-

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providing a pushing an urging device for delivering the embolic protection filter through the loading device and into the reception space; and for engaging the collapsed embolic protection filter with the internal proximal stop; and removing the pushing urging device after disassociating the loaded catheter from the loading device.

38. (Currently Amended) A method as claimed in claim 36 claim 37 wherein the pushing urging device comprises a wire for threading through the embolic protection filter, the wire defining and a distal stop for engaging the embolic protection filter.

(Previously Presented) A method as claimed in claim & wherein the loading device comprises an elongate neck at the outlet end, and the method comprises the step of at least partially aligning the elongate neck with the reception space before delivering the embolic protection filter through the loading device.

(Previously Presented) A method as claimed in claim & wherein the method comprises the step of flushing the embolic protection filter before delivering the embolic protection filter through the loading device.

(Previously Presented) A method as claimed in claim 36 wherein the method comprises the step of flushing the catheter before delivering the embolic protection filter into the reception space.

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(Previously Presented) A method as claimed in claim 36 wherein the catheter comprises an outer catheter tube and an inner catheter tube, the inner catheter tube defining the internal proximal stop.

(Currently Amended) A method as claimed in claim 41claim 42 whereir both the inner catheter tube and the outer catheter tube are flushed before delivering the embolic protection filter through the loading device.

44-56. (Canceled)

(New) A vascular filter assembly and assembly for loading the vascular filter assembly comprising:-

a vascular filter assembly for removing embolic material in body fluid flowing within a vessel, the vascular filter assembly having an expanded state and a pre-deployment collapsed state and comprising:-

a filter element, the filter element comprising a filter membrane and a filter support frame for the membrane;

the filter support frame being collapsed in the pre-deployment state and the filter support frame being expanded in the expanded state;

the filter element having at least one inlet opening at a proximal end of the filter element and a plurality of outlet openings towards a distal end of the filter 15

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element, the outlet openings allowing body fluid to flow through the filter element but retaining embolic material within the filter element, and the inlet opening being larger than any of the outlet openings;

a lumen extending through the filter element from the proximal end of the filter element to the distal end of the filter element; and

an abutment coupled to the filter element;

a delivery catheter, the delivery catheter including a reception space at a distal end of the delivery catheter for receiving the filter assembly in the pre-deployment collapsed state; and

an urging device delivering the filter assembly into the reception space of the delivery catheter, the urging device being engagable with the abutment in the expanded state of the filter assembly to assist in collapsing the filter assembly from the expanded state to the collapsed pre-deployment state.

58. (New) The assemblies as claimed in claim 57 wherein the lumen extends along a central axis of the filter element.

(New) The assemblies as claimed in claim 57 wherein the lumen is formed at least in part by a tubular member coupled to the filter element.

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60. (New) The assemblies as claimed in claim 59 wherein the filter element is fixed to proximal end portion of the tubular member and detached from a distal end portion of the tubular member.

(New) The assemblies as claimed in claim 59 wherein the tubular member extends substantially the entire length of the filter element.

(New) The assemblies as claimed in claim 59 wherein the abutment is formed by a distal end portion of the tubular member.

63. (New) The assemblies as claimed in claim 59 wherein the abutment is attached to the tubular member.

64. (New) The assemblies as claimed in claim 59 wherein the abutment is located proximal of a distal end portion of the tubular member.

65. (New) The assemblies as claimed in claim 57 wherein the urging device is a pushing device having a proximal end located distal of the filter assembly, the pushing device configured to provide a pushing force on the filter assembly to assist in collapsing the filter assembly.

66. (New) The assemblies as claimed in claim 57 wherein the urging device is a pulling device having a proximal end located proximal of the filter assembly, the

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pulling device configured to provide a pulling force on the filter assembly to assist in collapsing the filter assembly.

67. (New) The assemblies as claimed in claim 57 wherein a portion of the urging device extends through the lumen when collapsing the filter assembly from the expanded state to the collapsed pre-deployment state.

(New) A method for loading wascular filter assembly into a delivery catheter prior to deploying the filter assembly in a patient, the method comprising the steps of:-

providing a vascular filter assembly having an expanded state and a pre-deployment collapsed state, the filter assembly comprising:-

a filter element, the filter element comprising a filter membrane and a filter support frame for the membrane;

the filter support frame being collapsed in the pre-deployment state and the filter support frame being expanded in the expanded state;

the filter element having at least one inlet opening at a proximal end of the filter element and a plurality of outlet openings towards a distal end of the filter element, the outlet openings allowing body fluid to flow through the filter element but retaining embolic material within the filter element, and the inlet opening being larger than any of the outlet openings;

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a lumen extending through the filter element from the proximal end of the filter element to the distal end of the filter element; and

an abutment coupled to the filter element;

providing a delivery catheter, the delivery catheter including a reception space at a distal end thereof;

providing an urging device;

engaging the urging device with the abutment in the expanded state of the filter assembly; and

using the urging device to move the filter assembly towards the pre deployment collapsed state and deliver the filter assembly into the reception space in the delivery catheter.

69. (New) A method as claimed in claim 68 wherein the lumen extends along a central axis of the filter element.

(New) A method as claimed in claim 68 wherein the lumen is formed at least in part by a tubular member coupled to the filter element.

(New) A method as claimed in claim 70 wherein the filter element is fixed to proximal end portion of the tubular member and detached from a distal end portion of the tubular member.

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(New) A method as claimed in claim 70 wherein the tubular member extends substantially the entire length of the filter element.

(New) A method as claimed in claim 70 wherein the abutment is formed by a distal end portion of the tubular member.

(New) A method as claimed in claim (New) wherein the abutment is attached to the tubular member.

New) A method as claimed in claim wherein the abutment is located proximal of a distal end portion of the tubular member.

(New) A method as claimed in claim & wherein the step of using the urging device to move the filter assembly includes providing a pushing force on the urging device to provide a pushing force on the filter assembly.

(New) A method as claimed in claim 68 wherein the step of using the urging device to move the filter assembly includes providing a pulling force on the urging device to provide a pulling force on the filter assembly.

(New) A method as claimed in claim 68 wherein a portion of the urging device extends through the lumen when collapsing the filter assembly.

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(New) A method as claimed in claim 36 wherein further moving of the collapsed embolic protection filter proximally after engaging the internal proximal stop causes said disassociation of the loaded catheter from the loading device.

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